

6

Science Standard
6.5.d.



Playing the Same Role

California Education and the Environment Initiative

Approved by the California State Board of Education, 2010

The Education and the Environment Curriculum is a cooperative endeavor of the following entities:

California Environmental Protection Agency
California Natural Resources Agency
Office of the Secretary of Education
California State Board of Education
California Department of Education
California Integrated Waste Management Board

Key Leadership for the Education and Environment Initiative:

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Key Partners:

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Office of Education and the Environment

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Lesson 1 Here a Pig, There a Pig...

None required for this lesson.

Lesson 2 What is a Biome?

1 Earth's Climate Zones 2

2 Climatogram: San Diego, California 3

Lesson 3 What Lives in Which Biome?

None required for this lesson.

Lesson 4 Just Playing a Role

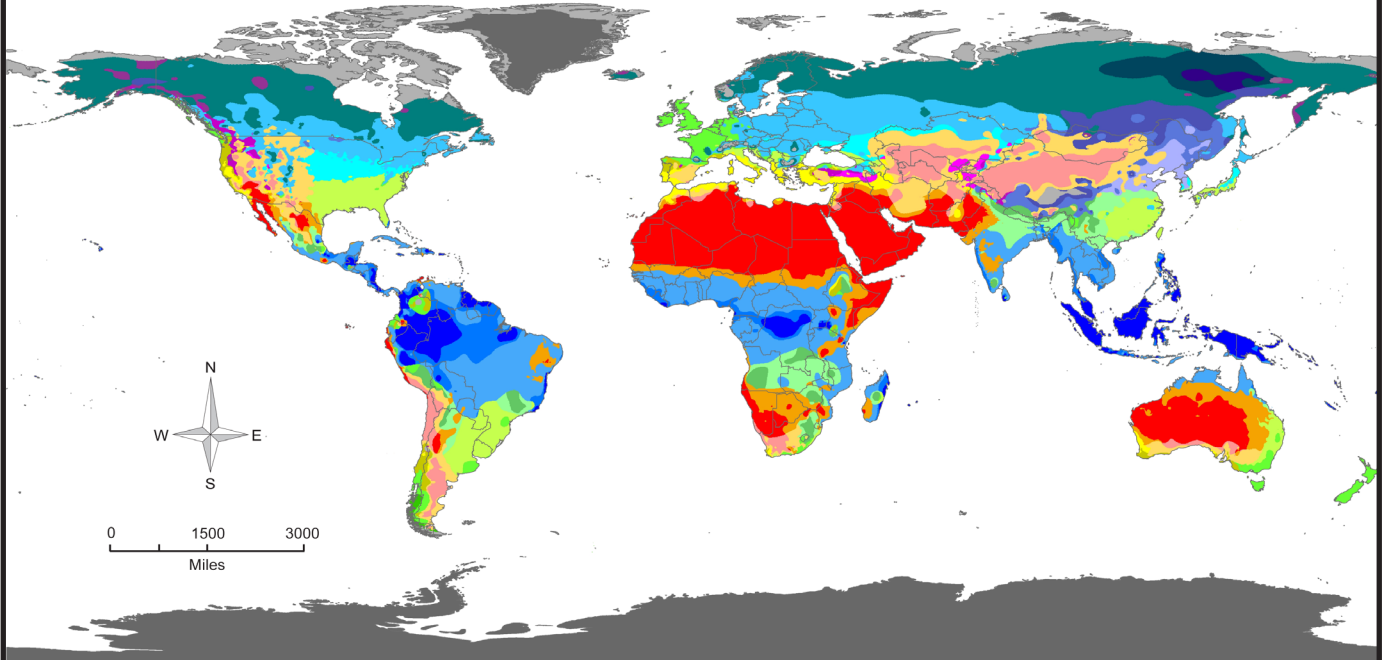
3 Chaparral Food Web 4

Lesson 5 Human Uses of Organisms Across Biomes

4 Comparing Cases 5

VA #1 Earth's Climate Zones

World map of Köppen-Geiger climate classification



Tropical



Dry



Temperate

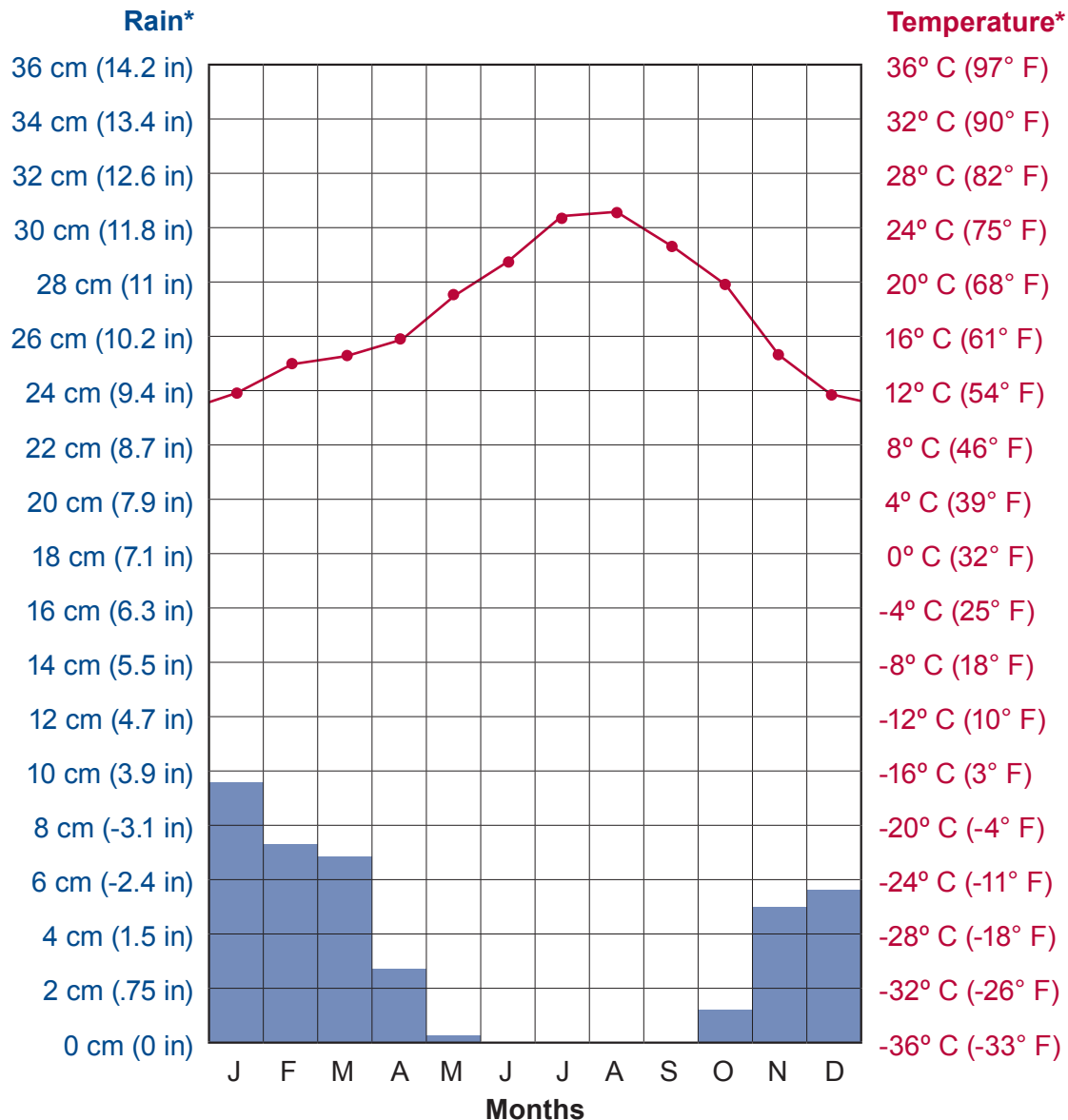


Cold



Polar

VA #2 Climatogram: San Diego, California



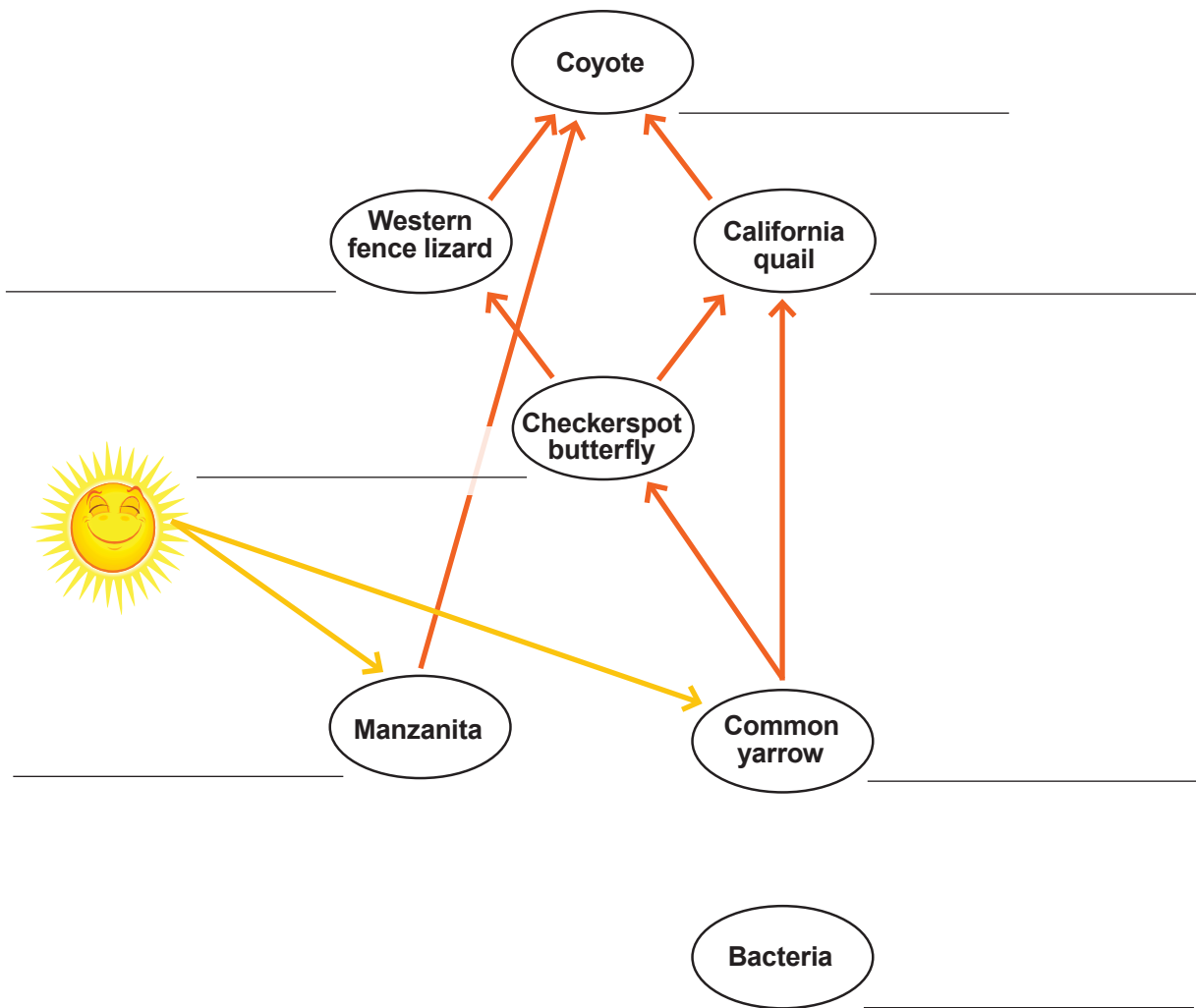
*Note: Conversions are approximate.

Source: Data from National Oceanic and Atmospheric Administration, www.noaa.gov

VA #3 Chaparral Food Web

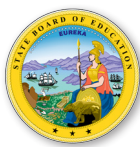
Ecological Roles in Chaparral Food Web

Identify the ecological role each organism plays in this California chaparral food web (producer, consumer, or decomposer).



VA #4 Comparing Cases

	Goats and Grasses in California	Cane Toads in Australia	Eucalyptus in California	Honey Bees in Brazil
Why people used the organisms				
Important ecological roles and characteristics of the organisms				
Effects of people's practices on the organisms or ecosystems				
Differences in native ecosystems and biomes				



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